

1/11 YO999-254 (LJP) (8728-293)

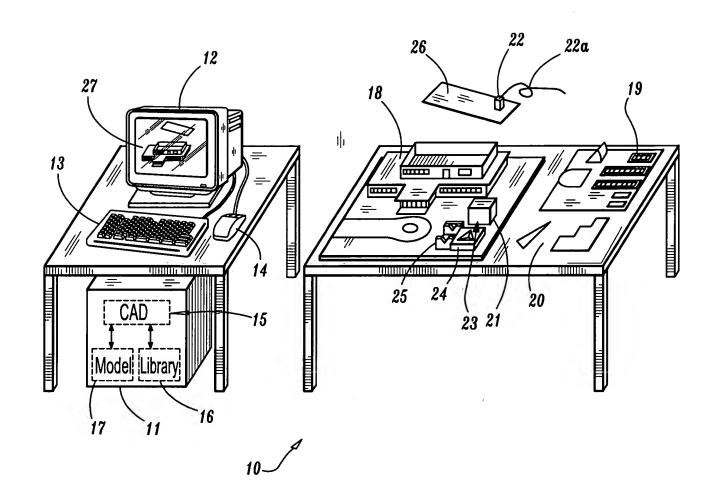
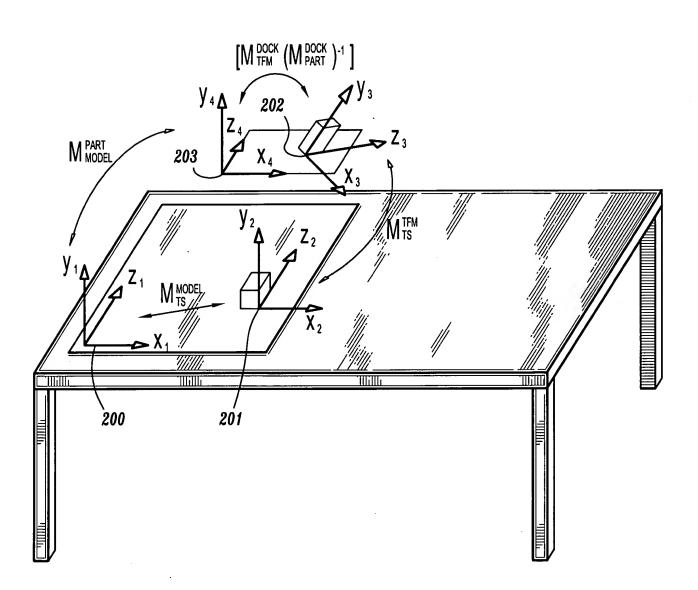
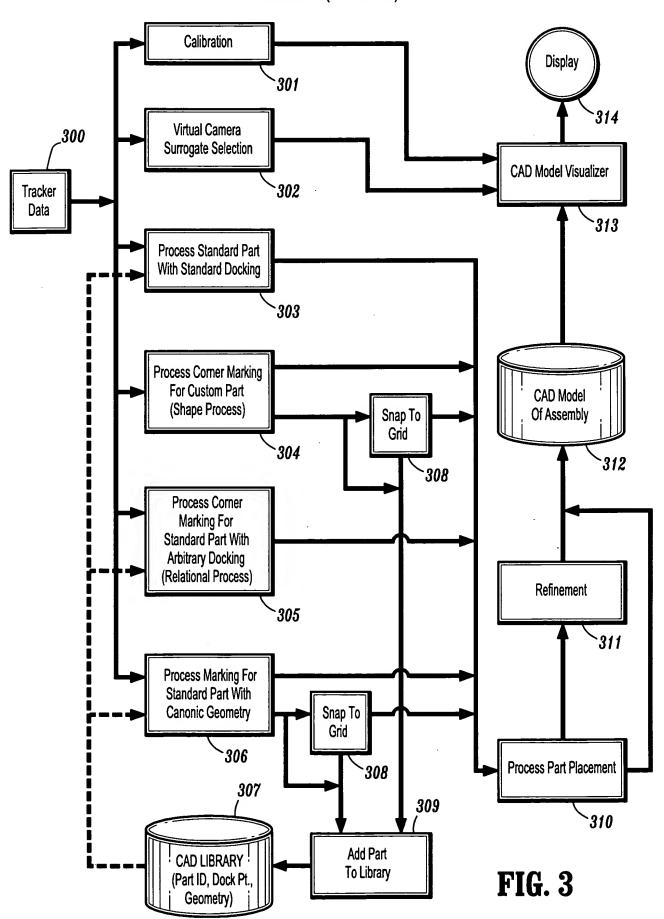


FIG. 1

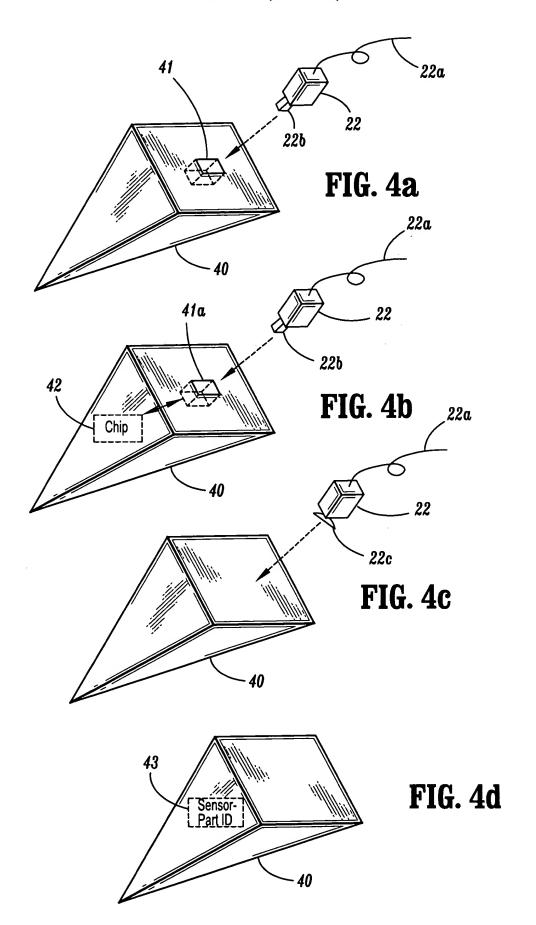


**FIG. 2** 

3/11 YO999-254 (8728-293)



4/11 YO999-254 (8728-293)



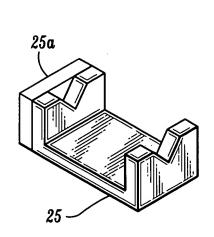


FIG. 5a

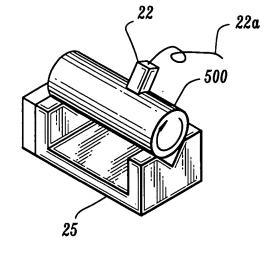
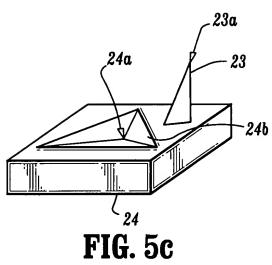
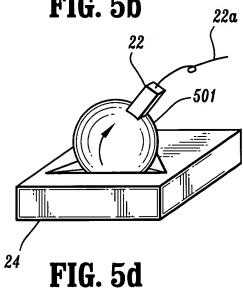


FIG. 5b





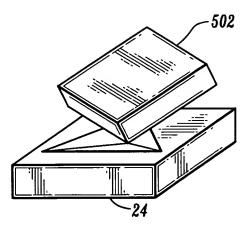


FIG. 5e

6/11 YO999-254 (8728-293)

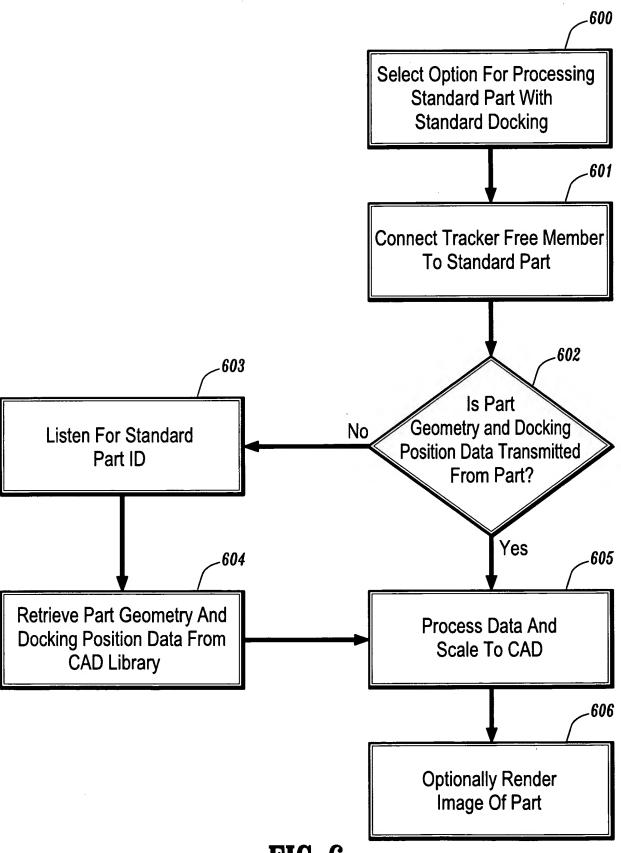
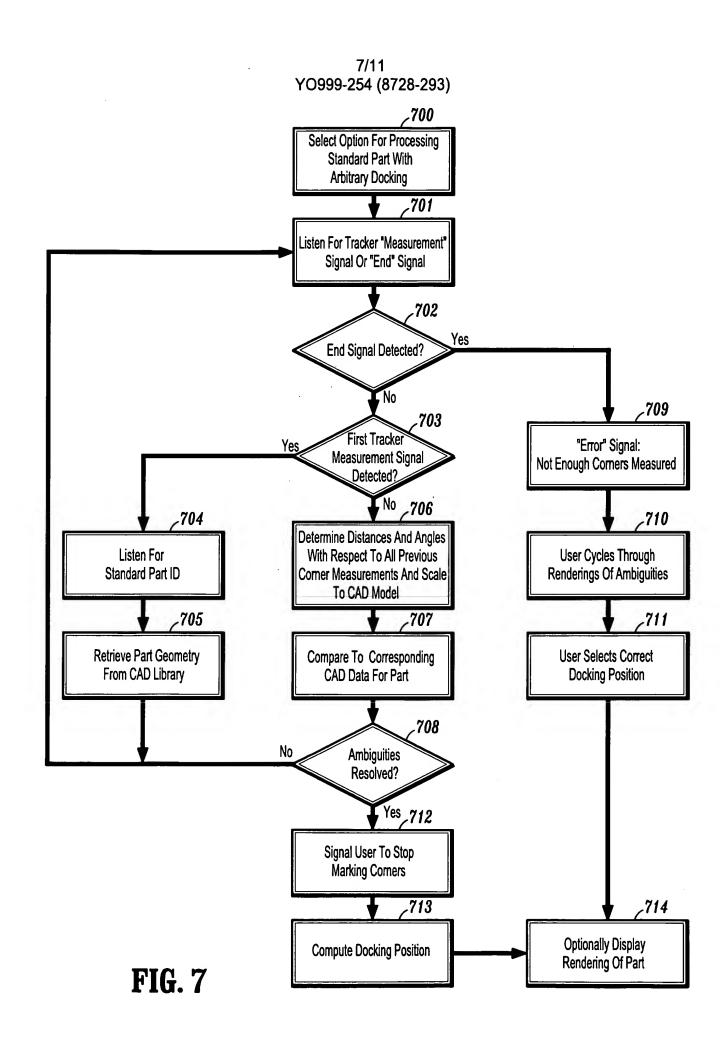


FIG. 6



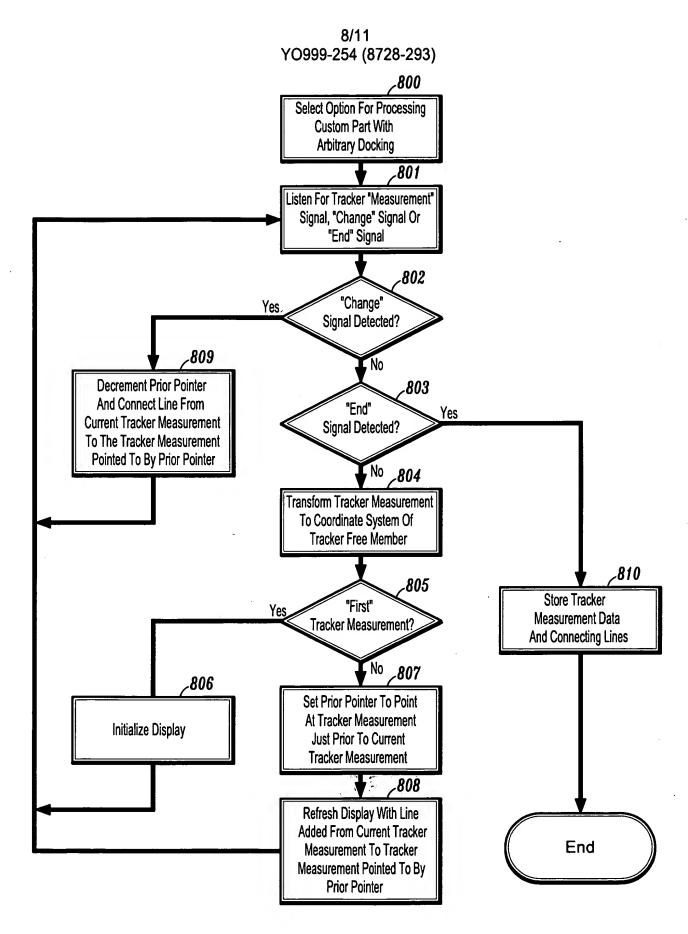
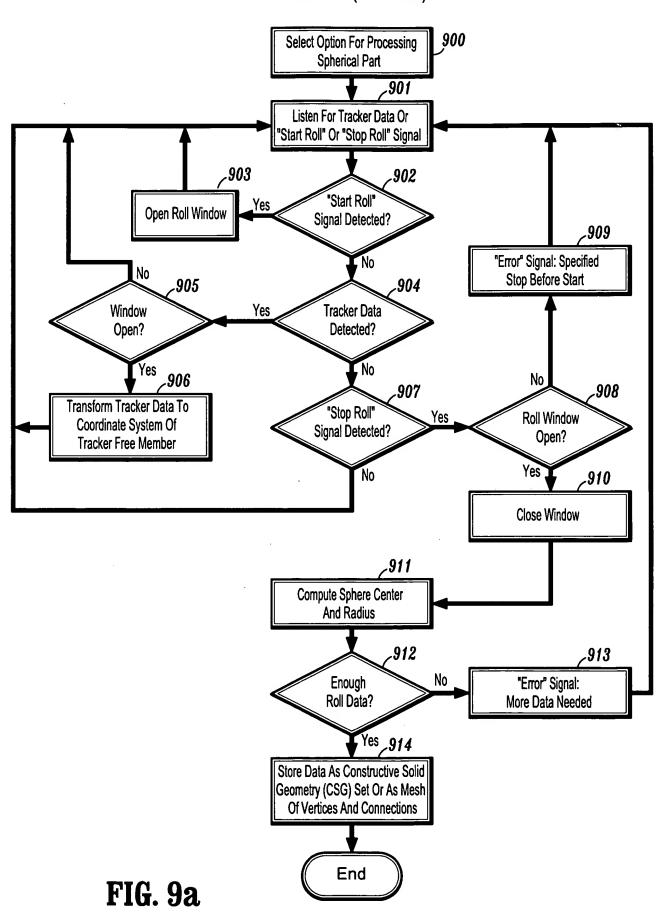


FIG. 8

9/11 YO999-254 (8728-293)



10/11 YO999-254 (8728-293) 920 Select Option For Processing Cylindrical Part 921 Listen For Träcker Data Or "Start Roll", "Stop Roll", "End1", "End2", Or "Done" Signal 923 922 "Start Roll"
and/or "End1" or "End2"
Signal Detected? Yes Open Window(s) 932 "Error" Signal: Specified No Stop Before Start 925 924 Yes No Tracker Data Window Detected? Open? Yes , No 926 No 929 931 930 Transform Tracker Data To Close End1/ "Stop Roll" Yes Roll Window Coordinate System Of Signal Detected? End2 Window Open? Tracker Free Member Yes 933 No 927 Yes\_928 Associate Point With End1 Close Roll Window Or End2 And/Or Curved or End2 Window Open? Surface, Depending On 934 937 Which Windows Are Open "Done" No Compute Cylinder Signal Detected? Centerline And Radius Yes 935 938 Yes No Yes Enough Measurements Roll Data? Taken? 940 No .939 936 Store Data As Constructive **Error Signal: List Types** Error Signal: More Roll Solid Geometry (CSG) Set Or (End1, End2, Roll) That Data Needed, Repeat As Mesh Of Vertices Are Still Needed **And Connections Roll Process** End FIG. 9b

11/11 YO999-254 (8728-293)

